

RECORD ID:

# County of San Diego Planning & Development Services BUILDING DIVISION

# ACCESSIBILITY CORRECTION LIST

Multifamily Housing

OWNER ON APPLICATION:

**5A** 

Entrances, Exits, and Interior Routes of Travel

| ACCESSIBLE MEANS OF EGRESS |   |  |  |
|----------------------------|---|--|--|
| 1.                         | All accessible spaces shall be served by at least as many accessible means of egress as required means of egress per CBC 1015.1 or CBC 1019.1   |  |  |
|                            | CBC 1007.1  |  |  |
| 2.                         | Each accessible means of egress shall be continuous to a public way and consist of one or more of the following:  Exception: Where exit discharge is inaccessible, an exterior area for assisted rescue per accessibility correction list 7A shall be provided  Exception: An accessible means of egress including an exit stairway open to the exterior shall include either an area of refuge or exterior area for assisted rescue per accessibility correction list 7A  Accessible routes per this accessibility correction list  Stairways within vertical exit enclosures per CBC 1020 and accessibility correction list 7A  Exterior exit stairways per accessibility correction list 7A  Elevators per accessibility correction list 8A  Platform lifts per accessibility correction list 8A  Horizontal exits per CBC 1022  Pedestrian ramps per accessibility correction list 4A  Areas of refuge per accessibility correction list 7A or 8A |  |  |
|                            | GBC 1007.2  |  |  |
| 3.                         | In buildings where a required accessible floor is four or more stories above or below a level of exit discharge, at least one accessible means of egress shall be via elevator per accessibility correction list 8A.  Exception: In buildings equipped throughout with an automatic sprinkler system, elevator shall not be required on floors provided with a horizontal exit and located at or above the level of exit discharge  Exception: In buildings equipped throughout with automatic sprinkler system, elevator shall not be required on floors served by pedestrian ramp per accessibility correction list 4A  CBC 1007.2.1  |  |  |
| EN                         | TRANCES AND EXITS   |  |  |
| 4.                         | All primary entrances and exterior ground-floor exits shall be accessible to persons with disabilities.   |  |  |

6. Where a covered multifamily dwelling includes multiple entrances serving clusters of dwelling units sharing an entrance, each such entrance shall be accessible.
Exception: Only one entrance must be accessible to each ground floor of a covered multifamily dwelling unless an individual.

Where a ground-floor dwelling unit has a separate entrance, each such ground-floor dwelling unit shall be served by an accessible

**Exception:** Only one entrance must be accessible to each ground floor of a covered multifamily dwelling unless an individual dwelling unit has a separate exterior entrance

CBC 1117A.4

CBC 1117A.2

CBC 1117A.3

**7.** Revolving doors shall not be used as accessible entrances.

**Exception:** Entrances to and exits from floors not required to be accessible

Exception: Dwelling units exempted per site impracticality tests of accessibility correction list 1A

CBC 1126A.1

THIS DOCUMENT IS FOR PLAN REVIEW ONLY.

CORRECTION LIST ITEMS AND FIGURES MAY NOT BE REPRODUCED OR COPIED ON PLANS.

IF CONFLICTS EXIST BETWEEN CODE TEXT AND FIGURES, THE CODE TEXT SHALL GOVERN.

PDS 629A REV: 03/01/2014

#### INTERIOR ROUTES OF TRAVEL

- 8. Within covered multifamily dwellings and accessory common-use facilities, provide an accessible route of travel connecting accessible entrances with all accessible spaces and covered multifamily dwelling units.
  - Exception: Accessible routes within covered multifamily dwelling units shall comply with accessibility correction list 15A

CBC 1119A.1 and CBC 1130A.1

9. Where a particular story contains rooms or spaces at different floor elevations, specify floor elevations at each room/space.

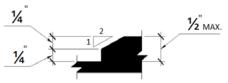
CBC 1120A.3

10. Floors of a particular story shall be a common level throughout or connected by at least one of the following:

Exception: Changes in level up to 1/4 inch

Exception: Changes in level between 1/4 inch and 1/2 inch with maximum 50% beveled slope per CBC Figure 11A-1F(b)

- ☐ Pedestrian ramps per accessibility correction list 4A
- ☐ Passenger elevators per accessibility correction list 8A
- Platform lifts per accessibility correction list 8A



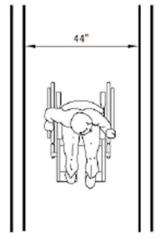
(b) BEVELED CHANGE IN LEVEL FIGURE 11A-1F CHANGE IN LEVEL

CBC 1120A.3

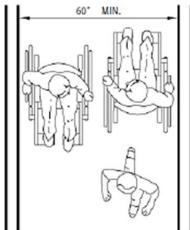
- 11. Dimension all corridors and hallways to comply with the following:
  - ☐ Minimum 44-inches wide if serving occupant load of 10 or greater
  - ☐ Minimum 36-inches wide if serving occupant load fewer than 10

CBC 1120A.1

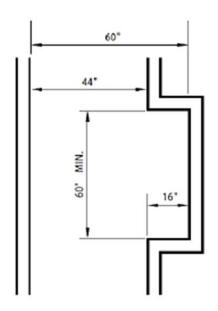
- 12. Dimension one of the following per CBC Figure 11A-1L at corridors and hallways exceeding 200 feet in length:
  - Minimum 60-inch clear width
  - ☐ Minimum 60-inch-wide by 60-inch-long passing space(s) at maximum 200-foot intervals
  - Minimum 44-inch-wide T-shaped intersection(s) where base and arms extend minimum 48 inches beyond intersection at maximum 200-foot intervals

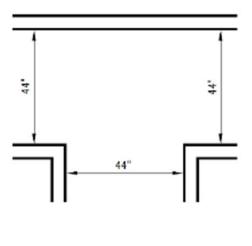


(a) MINIMUM WIDTH FOR CORRIDORS



(b) MINIMUM WIDTH FOR CORRIDORS OVER 200 FEET



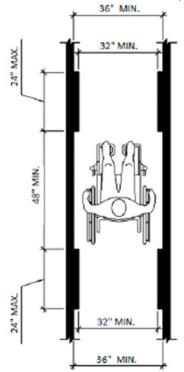


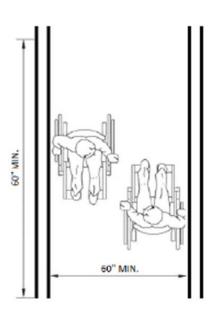
# (c) PASSING METHODS FOR CORRIDORS WITH LENGTH OVER 200 FEET AND WIDTH LESS THAN 60"

# FIGURE 11A-1L INTERIOR ACCESSIBLE ROUTE (CORRIDOR) OVER 200 FEET; OCCUPANT LOAD 10 OR MORE

CBC 1120A.2 and CBC 1138A.1.2

**13.** Dimension minimum 36-inch-wide clear access to all areas within all accessible common-use rooms and spaces. **Exception:** Minimum 32-inch clear width acceptable – up to 24-inch length – per CBC Figure 11A-1E





MINIMUM CLEAR WIDTH FOR SINGLE WHEELCHAIR

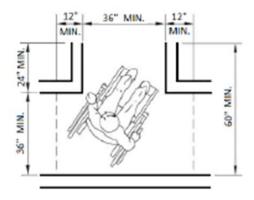
MINIMUM CLEAR WIDTH FOR TWO WHEELCHAIRS

FIGURE 11A-1E WHEELCHAIR PASSAGE WIDTH

CBC 1138A.1.1 and CBC 1138A.1.2

- **14.** Dimension adequate wheelchair turnaround space complying with one of the following in all accessible common-use rooms and spaces:
  - ☐ Minimum 60-inch-diameter per CBC Figure 11A-1D(a)
  - ☐ Equivalent T-shaped space per CBC Figure 11A-1D(b)



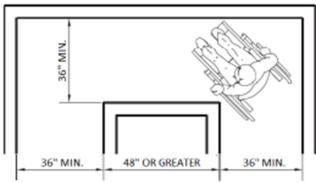


(b) T-SHAPED SPACE FOR 180 ° TURN

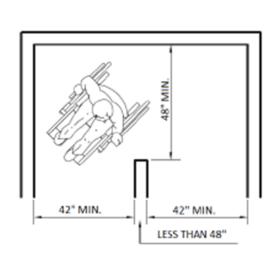
FIGURE 11A-1D WHEELCHAIR TURNING SPACE

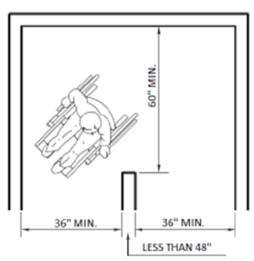
CBC 1138A.1.3

15. Dimension adequate wheelchair clearance for circulation around an obstruction per CBC Figure 11A-1C(a) and (b).



(a) 90° TURN AROUND OBSTRUCTION





(b) 180 ° TURN AROUND OBSTRUCTION FIGURE 11A-1C WIDTH OF ACCESSIBLE ROUTE AT TURNS

CBC 1120A.1 and CBC 1138A.1.5

- **16.** Dimension vertical clearance complying with the following at all accessible or adaptable rooms and spaces:
  - ☐ Minimum 84 inches where part of required egress path
    - Exception: Minimum 80 inches acceptable at doorways and arches maximum 24 inches deep
  - ☐ Minimum 80 inches for other pedestrian ways

CBC 1125A.2

17. Provide cane-detectable barrier at maximum 27 inches above floor at areas adjoining accessible routes or spaces with less than 80 inches vertical clearance.

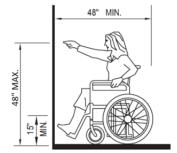
CBC 1125A.2

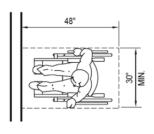
**18.** Specify rounded corners with minimum 1/8-inch radius of curvature for any sign projecting from a post and with bottom edge less than 80 inches above walking surface

CBC 1125A.4

### **MISCELLANEOUS REQUIREMENTS**

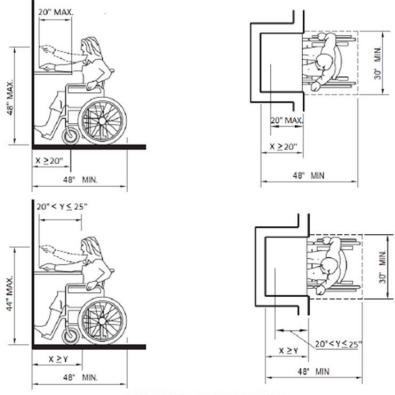
- 19. Specify reach ranges shall comply with the following as applicable:
  - ☐ Unobstructed forward reach per CBC Figure 11A-1I(a):
    - High forward reach maximum 48 inches and low forward reach minimum 15 inches above finished floor





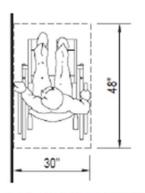
(a) UNOBSTRUCTED FORWARD REACH FIGURE 11A-1I FORWARD REACH

- ☐ Obstructed high reach per CBC Figure 11A-1I(b):
  - Where reach depth maximum 20 inches, high forward reach maximum 48 inches above finished floor
  - o Where reach depth exceed 20 inches, high forward reach maximum 44 inches and reach depth maximum 25 inches
  - o Clear floor space extending beneath obstructing element for distance not less than required reach depth over obstruction

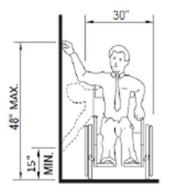


(b) FORWARD REACH OVER OBSTRUCTION FIGURE 11A-1I FORWARD REACH

- ☐ Where parallel approach allowed, unobstructed side reach per CBC Figure 11A-1J(a):
  - High side reach maximum 48 inches and minimum 15 inches above finished floor **Exception:** Obstruction maximum 10-inches deep allowed between clear floor space and element reached per CBC Figure 11A-1J(b)

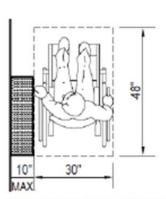


CLEAR FLOOR SPACE FOR PARALLEL APPROACH

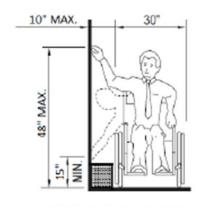


HIGH AND LOW SIDE REACH LIMITS

### (a) UNOBSTRUCTED SIDE REACH



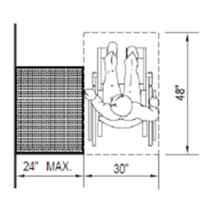
CLEAR FLOOR SPACE FOR PARALLEL APPROACH



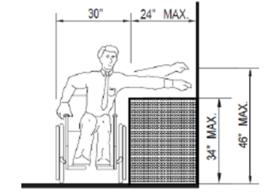
HIGH AND LOW SIDE REACH LIMITS

### (b) SIDE REACH OVER OBSTRUCTION 10" MAXIMUM FIGURE 11A-1J SIDE REACH

- ☐ Where parallel approach allowed, obstructed side reach per CBC Figure 11A-1J(c):
  - Height of obstructed 34 inches maximum
  - o Depth of obstruction 24 inches maximum
  - o Where reach depth maximum 10 inches, high side reach maximum 48 inches
  - Where reach depth exceeds 10 inches, high side reach maximum 46 inches and reach depth maximum 24 inches



CLEAR FLOOR SPACE FOR PARALLEL APPROACH



MAXIMUM SIDE REACH OVER OBSTRUCTION

(c) SIDE REACH OVER OBSTRUCTION 10" MINIMUM AND 24" MAXIMUM FIGURE 11A-1J SIDE REACH

CBC 1138A.3

| 20. | Exc<br>Exc<br>are | ecify any electrical switches or outlets in common-use areas shall be located per the following:  ception: Receptacle outlets installed as part of permanent baseboard heaters are exempt from height and reach limits  ception: Required receptacle outlets allowed in floors when adjacent to sliding panels or walls  ception: Baseboard electrical outlets used in relocatable partitions, window walls, or other electrical convenience floor outlets  exempt from minimum height limits  Minimum 15 inches from bottom of receptacle/outlet box to finished floor  Maximum 48 inches from top of receptacle/outlet box to finished floor  Within CBC 1138A.3 reach ranges  CBC 1136A.1, CBC 1136A.2, and CBC 1138A.3 |
|-----|-------------------|--|
|     |                   |  |
| 21. | Spe               | ecify any floor surfaces shall be stable, firm, and slip-resistant.  CBC 1119A.2   |
| ~~  | 0                 |  |
| 22. |                   | ecify any carpet shall comply with the following:  Level loop, textured loop, level cut pile, or level cut/uncut pile texture  Maximum 1/2-inch pile height  Firm backing or no backing  Exposed edges fastened to floor surface with trim along entire length of exposed edge  Edge trim with maximum 1/4-inch vertical change in level or beveled change in level between 1/4 inch and 1/2 inch with maximum 50% beveled slope  CBC 1119A.2 and CBC 1121A  |
|     |                   | \  |
| SIG | NAC               | jE   |
| 23. | deta              | ntify on plans location of each sign required or provided per items 24 through 28 and coordinate with signage schedule and ails indicating the following: Sign dimensions Character and symbol dimensions Character, symbol, and background colors Braille dimensions Dimension of vertical clearance above floor or ground  |
|     |                   | Dimension of any horizontal projection from wall  CBC 1143A.1  |
|     |                   |  |
| 24. | Pro               | vide sign at each required accessible entrance displaying International Symbol of Accessibility.  CBC 1110A.2  |
| 25. |                   | vide sign including the following at each exit door to an inaccessible exit:  ception: Signage not required within dwelling units  International Symbol of Accessibility  Directions to nearest accessible exit per visual character requirements of item 29  CBC 1007.10 and CBC 1143A.4  |
| 26. | Pro               | vide tactile signage complying with the following at exit doors:   |
|     |                   | Exertion: Signage not required within dwelling units  Each grade-level exterior exit door required to have visual exit signage shall be identified by tactile sign with word "EXIT"  Each exit door leading directly to grade-level exterior exit via stairway or ramp and required to have visual exit signage shall be identified by tactile sign with the following words as applicable:  "EXIT STAIR DOWN"  "EXIT RAMP DOWN"  "EXIT STAIR UP"  |
|     |                   | o "EXIT RAMP UP"  Each exit door leading directly to grade-level exterior exit via interior exit stairway or exit passageway and required to have  |
|     |                   | visual exit signage shall be identified by tactile sign with words "EXIT ROUTE"  Each exit access door required to have visual exit signage from an interior room or area to a corridor or hallway shall be identified by tactile sign with words "EXIT ROUTE"   |
|     |                   | Each exit door through a horizontal exit and required to have visual exit signage shall be identified by tactile sign with words "TO EXIT"   |
|     |                   | Placed on approach side as one exits room or space Placed adjacent to door on latch side  Exception: Where provided at double doors with two active leafs, signage shall be located to the right of the doors  Exception: Where no wall space available on latch side of single door or right side of double doors, signage shall be located on nearest adjacent wall  |
|     |                   | Located so clear floor space minimum 18 inches by 18 inches – centered on tactile characters – provided beyond arc of any door swing between closed and 45-degree-open positions   |
|     |                   | Mounted per the following:  o Minimum 48 inches from finish floor or ground surface to baseline of lowest line of Braille  o Maximum 60 inches from finish floor or ground surface to baseline of highest line of raised characters  |
|     |                   | Visual characters per item 29  |

|     |  | Raised characters/symbols per item<br>Corresponding Braille per item 32 p |   | and symbols   |   |               |
|-----|--|---|---|---|---|---------------|
|     |  |   |   |   | CBC 1011.3 and CBC  | C 1143A.1     |
| 27. |  |   | DOOR WILL OPEN IN 15 SECONE neimer's or dementia clients, a delats room or space le ble doors with two active leafs, sign vailable on latch side of single doornum 18 inches by 18 inches – cen degree-open positions floor or ground surface to baseline floor or ground surface to baseline | OS. ALARM WILL SOUND y of 30 seconds is allowed age shall be located to the r or right side of double d tered on tactile characters of lowest line of Braille | d e right of the doors oors, signage shall be provided beyond a |               |
|     |  | Corresponding Braille per item 32 p                                       |   |   | 200 4 0 7/F) and CD/  | 2 4 4 4 2 4 4 |
|     |  |   |   | CBC 10  | 008.1.9.7(5) and CB0  | 71143A.1 ر    |
| 28. |  |   | ters room or space le ble doors with two active leafs, sign vailable on latch side of single doo mum 18 inches by 18 inches – cen degree-open positions floor or ground surface to baseline floor or ground surface to baseline   | age shall be located to the ror right side of double detered on tactile characters of lowest line of Braille of highest line of raised of                     | oors, signage shall be provided beyond a haracters              |               |
| 29. | <ul> <li>Specify on signage schedule and/or details visual characters on any directional and informational signs complying with following: <ul> <li>Located minimum 40 inches above finished floor</li> <li>Characters and background with non-glare finish</li> <li>Characters contrasting with background, either light characters on dark background or dark characters on light bacters shall be in a horizontal format</li> <li>Line spacing between baselines of separate character lines at minimum 135 percent and maximum 170 percent of height</li> <li>Characters shall be uppercase or lowercase or a combination of both</li> <li>Characters shall be conventional in form – i.e., not italic, oblique, script, highly decorate, or of other unusual form</li> <li>Character font with uppercase letter "O" width minimum 60 percent and maximum 110 percent uppercase letter "I"</li> <li>Characters with stroke thickness of uppercase letter "I" minimum 10 percent and maximum 20 percent character he</li> <li>Character height sized according CBC Table 1143A.5</li> </ul> </li> <li>TABLE 1143A.5</li> <li>VISUAL CHARACTER HEIGHT</li> </ul> |   |   | acters on light backg um 170 percent of ch ner unusual form ppercase letter "I" he ercent character heig  | round<br>naracter<br>ight<br>ht                                 |               |
|     |  | HEIGHT TO FINISH FLOOR FROM BASELINE<br>OF CHARACTER                      | HORIZONTAL<br>VIEWING DISTANCE  | MINIMUI<br>CHARACTER  |   |               |
|     |  |   | Less than 72 inches   | 5/, inch (15.   |   |               |

| HEIGHT TO FINISH FLOOR FROM BASELINE<br>OF CHARACTER                              | HORIZONTAL<br>VIEWING DISTANCE    | MINIMUM<br>CHARACTER HEIGHT  |
|---|-----------------------------------|--|
| 0 inches (1016 mm) to less than or equal  | Less than 72 inches<br>(1829 mm)  | <sup>5</sup> / <sub>8</sub> inch (15.9 mm)   |
| to 70 inches (1778 mm)  | 72 inches (1829 mm) and greater   | <sup>5</sup> / <sub>8</sub> inch (15.9 mm), plus <sup>1</sup> / <sub>8</sub> inch (3.2 mm) per foot (305 mm) of viewing distance above 72 inches (1829 mm) |
| Greater than 70 inches (1778 mm) to less<br>than or equal to 120 inches (3048 mm) | Less than 180 inches<br>(4572 mm) | 2 inches (51 mm)   |
|   | 180 inches (4572 mm) and greater  | 2 inches (51 mm), plus <sup>1</sup> / <sub>8</sub> inch (3.2 mm) per foot (305 mm) of viewing distance above 180 inches (4572 mm)                          |
| Greater than 120 inches (3048 mm)   | Less than 21 feet (6401 mm)       | 3 inches (76 mm)   |
|   | 21 feet (6401 mm) and greater     | 3 inches (76 mm), plus <sup>1</sup> / <sub>8</sub> inch (3.2 mm) per foot (305 mm) of viewing distance above 21 feet (6401 mm)                             |

CBC 1143A.5

| 30. | Spe | ecify on signage schedule and/or details pictograms on any directional and informational signs complying with the foll Field height of minimum 6 inches Characters and Braille not within pictogram field Pictograms and field with non-glare finish Pictograms contrasting with field, either light pictogram on dark field or dark pictogram on light field Include text descriptors complying with raised character, Braille, and mounting height provisions of CBC 1143A.6 at 1143A.7   | ·                           |
|-----|-----|---|-----------------------------|
|     |     |   | BC 1143A.6                  |
| 31. |     | Characters minimum 5/8-inch and maximum 2-inches high based on height of uppercase letter "I" Characters raised minimum 1/32 inch Text in horizontal format Characters sans serif and uppercase Width of uppercase letter "O" minimum 60 percent and maximum 110 percent height of uppercase letter "I" Stroke thickness of uppercase letter "I" maximum 15 percent height of character Spacing between individual raised characters per the following:  Where characters have rectangular cross sections, minimum 1/8 inch and maximum 4 times raised characters width at base of cross sections and minimum 1/8 inch and maximum 4 times raised character stroke width at base of cross sections and minimum 1/8 inch and maximum 4 times raised character stroke width at the sections | acter stroke<br>op of cross |
|     |     | Spacing between baselines of separate lines of raised characters of minimum 135% and maximum 170% of raised height  | character                   |
|     |     | Characters separated minimum 3/8 inch from raised borders and decorative elements  Characters separated minimum 3/8 inch from raised borders and decorative elements  | BC 1143A.6                  |
| 32. | Bra | ille on signage shall comply with the following: Contracted (Grade 2) Braille flush left or centered and placed minimum 3/8 inch and maximum 1/2 inch below raised characters or symbol Braille in horizontal format When raised characters are multilined text, all Braille placed together below all raised text lines Dots domed or rounded with dimensions per CBC Table 1143A.7.1  | ols                         |

# TABLE 1143A.7.1 BRAILLE DIMENSIONS

| MEASUREMENT RANGE   | MINIMUM IN INCHES<br>MAXIMUM IN INCHES |  |
|---|--|--|
| Dot base diameter   | 0.059 (1.5 mm) to<br>0.063 (1.6 mm)    |  |
| Distance between two<br>dots in the same cell <sup>1</sup>                    | 0.100 (2.5 mm)                         |  |
| Distance between corresponding<br>dots in adjacent cells <sup>1</sup>         | 0.300 (7.6 mm)                         |  |
| Dot height  | 0.025 (0.6 mm) to<br>0.037 (0.9 mm)    |  |
| Distance between corresponding dots from one cell directly below <sup>1</sup> | 0.395 (10 mm) to<br>0.400 (10.2 mm)    |  |

1. Measured center to center.

CBC 1143A.7